

# **A STUDY AND IMPLEMENTATION OF A WEB-BASED INTELLIGENT EMPLOYER RELATION(S) MANAGEMENT SYSTEM (ERMS)**

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## **ABSTRACT**

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This is a project that studies and implements an intelligent Employer Relations Management System ERMS for INTI University. The project is about developing the system with some intelligent agent features that will help the INTI's ER (Employer Relation) Department to manage INTI Graduate Success as a part of becoming the truly leader of 'Career and Employer' Education. Graduate success is measure based on four criterions which are whether the student get the right job, whether the student get better salary compare to others, are the employer coming again to asked for more potential student, and are these three criterions affecting the enrollment.

The agent in this system will perform some kind of tasks which are performing analysis on graduate success and producing the report based on the analysis, comparing graduate success from the same faculty but different INTI campuses, making sure that all of INTI final year students have resume and had an interview before, notifying the student about the job posted by ER department as a request from the employer, and helping the ER officer to finding the right person for the position that requested by the employer. Basically this system will be used by ER Officer, Top-management level of INTI, Dean of faculty and Head of programme, and also graduate students (alumni). Therefore, the author intends to develop and implement a well user-friendly web-based intelligent agent for managing INTI's graduate success that will fulfill all the requirements of ER (Employer Relation) office.

This document is an explanation to the concept and processes of using the web-based Intelligent Employer Relation Management System (ERMS). It also explains all methods, tools, and techniques that were being applied in the development of this system.